



LANDSCAPING

HATCH DESCRIPTION

- WETLAND GRASS SEED WITHIN BMP
- PLANT NO-MOW GRASS SEED ON SLOPES AND ACCESS ROADWAY
- EROSION CONTROL FABRIC ON 2H:1V SLOPES

NOTE: ALL DISTURBED AREAS SHALL BE TEMPORARILY STABILIZED WITH WINTER RYE SEED MIX.

LEGEND

LINE STYLE DESCRIPTION

- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- EXISTING UNDERGROUND WATER
- EXISTING UNDERGROUND SEWER
- EXISTING UNDERGROUND GAS
- EXISTING UNDERGROUND ELECTRIC
- EXISTING OVERHEAD WIRES
- EXISTING DRAINAGE
- EXISTING FENCE
- EXISTING TREELINE
- PROPERTY LINES
- STREAM/DITCH
- BORDERING VEGETATED WETLANDS
- 50' BVW BUFFER ZONE
- 100' BVW BUFFER ZONE
- PROPOSED LIMIT OF WORK
- PROPOSED CONTOUR
- LIMITS OF UNDERGROUND GRAVEL
- PROPOSED SOLID DRAIN LINE, DIAM. >8"
- PROPOSED SOLID DRAIN LINE, DIAM. <8"
- PROPOSED PERFORATED DRAIN LINE

RIPRAP STONE

INFILTRATION ZONE - WETLAND SOILS SEEDED WITH NEWSPAPER, SEE DETAIL

PAVEMENT REPLACEMENT

0 20 40 60
SCALE: 1"=20'

PLANTING SCHEDULE

KEY	QUANTITY	PLANTING SIZE	NAME	MATURE HEIGHT	NOTES
SHRUBS					
	9	3'-4'	SWEET PEPPERBUSH (<i>Clethra alnifolia</i>)	6'-12'	MEDIUM SIZED SHRUB. SWEET SMELLING WHITE FLOWERS IN JULY. PROVIDES FOOD AND COVER FOR BIRDS.
	29	5'-6'	NORTHERN ARROWWOOD (<i>Viburnum dentatum</i>)	6'-12'	MEDIUM SIZED SHRUB COMMON IN FORESTED WETLANDS. TOLERATES SHADE AND VARIOUS SOILS MIXTURES.
	14	3'-4'	BAYBERRY (<i>Morella pensylvanica</i>)	10'	MEDIUM SIZED SHRUB WITH PERSISTENT LEAVES THROUGH THE WINTER. WAXY BERRIES PROVIDE FOOD TO SONGBIRDS.
	25	3'-4'	HIGHBUSH BLUEBERRY (<i>Vaccinium corymbosum</i>)	12'	MEDIUM SIZED SHRUB WITH AROMATIC WHITE FLOWERS. BERRIES HIGHLY VALUED AS WILDLIFE FOOD SOURCE.
	18	2'-3'	VIRGINIA ROSE (<i>Rosa virginiana</i>)	6'	FAST GROWING SMALLER SHRUB WITH UPRIGHT STEMS. PINK FLOWERS BLOOM IN JUNE. SALT TOLERANT.
	6	2'-3'	BEACH PLUM (<i>Prunus maritima</i>)	6'-12'	THICKET-FORMING SHRUB OF SANDY COASTAL SITES. FRUIT HIGHLY VALUABLE AS A WILDLIFE FOOD.
TREES					
	4	5'-6'	EASTERN RED CEDAR (<i>Juniperus virginiana</i>)	20'-40'	PIONEERING EVERGREEN TREE OF MEADOWS. PROVIDES IMPORTANT PROTECTIVE AND NESTING COVER FOR BIRDS.
	3	10'-12'	EASTERN RED CEDAR (<i>Juniperus virginiana</i>)	20'-40'	PIONEERING EVERGREEN TREE OF MEADOWS. PROVIDES IMPORTANT PROTECTIVE AND NESTING COVER FOR BIRDS.
	1	10'-15'	BLACK GUM TUPELO (<i>Nyssa sylvatica</i>)	40'-80'	MEDIUM TO LARGE TREE OF FORESTED WETLANDS AND MOIST WOODS. FRUIT PROVIDES FOOD FOR WILDLIFE.

General Notes

1. THE LOCATION OF UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED OR INSPECTED. THE CONTRACTOR, PRIOR TO COMMENCEMENT OF CONSTRUCTION, SHALL VERIFY THE LOCATION OF ALL UTILITIES AND CONTACT "DIG-SAFE" AT 1-888-344-7233.
2. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION TO PREVENT ANY DAMAGE TO ADJACENT PROPERTIES. ALL AREAS WHICH ARE AFFECTED BY THE CONTRACTOR'S OPERATIONS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION OR BETTER, AT NO ADDITIONAL COST TO THE OWNER.
3. ANY CHANGE IN FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER TO INSURE THAT ANY MODIFICATIONS TO THE ORIGINAL DESIGN ARE PROPER AND ADEQUATE TO SERVE THE PROJECT'S NEEDS AND COMPLY WITH THE APPLICABLE STANDARDS AND REGULATIONS.
4. CONTRACTOR SHALL IMMEDIATELY REPAIR OR FILL ANY POTHOLES THAT OCCUR DUE TO CONSTRUCTION.
5. CONTRACTOR SHALL LINE LIMIT OF WORK (LOW) WITH STRAW BALES STAKED WITH A MINIMUM OF TWO (2) STAKES PER BALE A MINIMUM OF ONE (1) FOOT DEEP INTO THE GROUND.
6. REMOVE ALL TEMPORARY EROSION CONTROLS FROM THE SITE AT THE CONCLUSION OF CONSTRUCTION ACTIVITIES.
7. CONTRACTOR SHALL REPAIR ALL PAVING ON SITE DAMAGED OR REMOVED DURING CONSTRUCTION.
8. STORMWATER SHALL NOT BE DIRECTED INTO THE BASIN UNTIL ALL PLANTINGS ARE SUITABLY ESTABLISHED. CONTRACTOR SHALL EITHER TIE INTO THE EXISTING CATCH BASIN LAST OR INSTALL A REMOVAL PLUG.

5	Revised Design for Const.	06/15
4	100% Design for Const.	04/15
3	90% Design	03/15
2	60% Design	02/15
1	Conceptual	01/15
No.	Revision/Issue	Date

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EPA Green Infrastructure
Education and Outreach Project

OYSTER POND BMP,
GRAVEL BIORETENTION CELL

Oyster Pond Furlong and Absegami
Run, Chatham, MA

Project No.: 677-2	Sheet
Date: JUNE 2015	
Drawn By: NC	
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Vertical Datum: NAVD88	

C-5